

EXHIBIT A

Receipt

## UNITED STATES PATENT AND TRADEMARK OFFICE

 COMMISSIONER FOR PATENTS  
 UNITED STATES PATENT AND TRADEMARK OFFICE  
 WASHINGTON, D.C. 20231  
 www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO.	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/576,676	05/23/2000	2739	946	MIT-118	10	27	3

No Docketing Necessary

21323

 TESTA HURWITZ & THIBEAULT  
 HIGH STREET TOWER  
 125 HIGH STREET  
 BOSTON, MA 02110

Administrator

Date

## FILING RECEIPT



\*OC000000005433696\*

Reviewed &amp; Approved

Date Mailed: 09/28/2000

Resp. Atty

Date

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

 MOR HARCHOL-BALTER, PITTSBURGH, PA ;  
 F. THOMSON LEIGHTON, NEWTONVILLE, MA ;  
 DANIEL LEWIN, CAMBRIDGE, MA ;

RECEIVED

## Continuing Data as Claimed by Applicant

THIS APPLN CLAIMS BENEFIT OF 60/135,473 05/24/1999

(\*) Data inconsistent with PTO records.

## Foreign Applications

If Required, Foreign Filing License Granted 06/21/2000

## Title

SYSTEM AND METHOD FOR RESOURCE DISCOVERY

## Preliminary Class

370

 OCT 02 2000  
 PATENT DEPARTMENT  
 TESTA, HURWITZ & THIBEAULT, LLP  
 2700 MAIL ROOM  
 OCT 27 2000  
 RECEIVED

Data entry by : SYDNOR, RUTH

Team : OIPE

Date: 09/28/2000





**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**RECEIVED  
OCT 27 2000  
TC 2700 MAIL ROOM**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 36 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15 (b).

**PLEASE NOTE the following information about the Filing Receipt:**

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 600 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, DC 20231

**PROVISIONAL APPLICATION  
FILING RECEIPT**

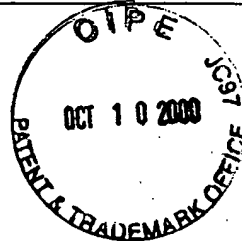
EXHIBIT B



**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231**

APPLICATION NUMBER	FILING DATE	FIL FEE REC'D	ATTORNEY DOCKET NO.	DRWGS
60/135,473	05/24/99	\$150.00 MIT-118PR		3

**PATENT ADMINISTRATOR  
TESTA HURWITZ & THIBEAULT LLP  
HIGH STREET TOWER  
125 HIGH STREET  
BOSTON MA 02110**



Receipt is acknowledged of this Provisional Application. This Provisional Application will not be examined for patentability. Be sure to provide the PROVISIONAL APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to Box Provisional Application within 10 days of receipt. Please provide a copy of the Provisional Application Filing Receipt with the changes noted thereon. This Provisional Application will automatically be abandoned twelve (12) months after its filing date and will not be subject to revival to restore it to pending status beyond a date which is after twelve (12) months from its filing date.

**Applicant(s)** F. THOMPSON LEIGHTON, NEWTONVILLE, MA; DANIEL LEWIN, CAMBRIDGE, MA; MOR HARCHOL-BALTER, CAMBRIDGE, MA.

**TITLE**  
SYSTEM AND METHOD FOR RESOURCE DISCOVERY

RECEIVED  
OCT 27 2000  
TC 2700 MAIL ROOM

RECEIVED  
JUL 12 1999  
PATENT DEPARTMENT  
TESTA, HURWITZ & THIBEAULT

**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "FOREIGN FILING LICENSE GRANTED" followed by a date appears on the reverse side of this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.11. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related application(s) filed under 37 CFR 1.62 which meets the provisions of 37 CFR 5.15(a). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations, especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR Parts 121-128) ); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j) ); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "FOREIGN FILING LICENSE GRANTED" DOES NOT appear on the reverse side of this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



PATENT  
Attorney Docket No. MIT-118  
(5473/129)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Harchol-Balter et al.  
SERIAL NO.: 09/576,676 GROUP NO.: 2739  
FILED: May 23, 2000 EXAMINER: Not Yet Assigned  
TITLE: System and Method for Resource Discovery

Assistant Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, DC 20231

Sir:

RECEIVED  
OCT 27 2000  
TC 2700 MAIL ROOM

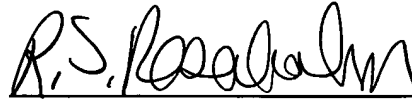
**REQUEST FOR CORRECTED FILING RECEIPT**

Applicants respectfully request correction of an error which occurs on the Filing Receipt, enclosed as Exhibit A, of the above identified patent application. In the section titled Continuing Data as Claimed by Applicant, the Filing Receipt states that there is an inconsistency between the claim of priority to provisional application serial no. 60/135,473, filed May 24, 1999 from which this application claims benefit and the Patent and Trademark Office records. The asterisk that indicates this inconsistency is circled in red ink.

The Provisional Application Filing Receipt for application 60/135,473 is enclosed as Exhibit B. The Provisional Filing Receipt includes both the provisional application serial number and its filing date (05/24/99). Applicants do not understand what information is inconsistent with Patent and Trademark Office records, because the Provisional Filing Receipt reflects those records and is fully consistent with the information stated in the claim of priority. Applicants respectfully request an explanation.

If there is no inconsistency, Applicants respectfully request that the Patent and Trademark Office issue a Corrected Filing Receipt for application serial no. 09/576,676, with removal of the notation that the priority data is inconsistent. Applicants believe that no fee is due, because there has been no error on the part of Applicants.

Respectfully submitted,



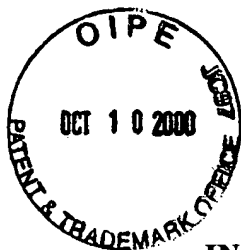
R. Stephen Rosenholm  
Attorney for Applicants  
TESTA, HURWITZ & THIBEAULT, LLP  
High Street Tower  
125 High Street  
Boston, MA 02110

Date: October 5, 2000  
Reg. No. 45,283

Tel. No.: (617) 248-7793  
Fax No.: (617) 248-7100

ROSENHRS\5473\129.1082606\_1

RECEIVED  
OCT 27 2000  
TC 2700 MAIL ROOM



PATENT  
Attorney Docket No. MIT-118  
(5473/129)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Harchol-Balter et al.  
SERIAL NO.: 09/576,676 GROUP NO.: 2739  
FILING DATE: May 23, 2000 EXAMINER: Not yet assigned  
TITLE: System and Method for Resource Discovery

**CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8**

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Assistant Commissioner for Patents, Office of Initial Patent Examination, Customer Service Center, Washington, DC 20231 on this 5<sup>th</sup> day of October, 2000.

Deborah D. Washburn  
Deborah D. Washburn

Assistant Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, D.C. 20231

Sir:

Submitted herewith is/are:

Request for Corrected Filing Receipt (2 pages);  
Exhibit A (Copy of Filing Receipt, 3 pages);  
Exhibit B (Copy of Provisional Application Filing Receipt (1 page); and  
A Return Receipt Postcard.

RECEIVED  
OCT 27 2000  
JC 2700 MAIL ROOM



**FILE COPY**

2663



## UNITED STATES PATENT AND TRADEMARK OFFICE

 COMMISSIONER FOR PATENTS  
 UNITED STATES PATENT AND TRADEMARK OFFICE  
 WASHINGTON, D.C. 20231  
 www.uspto.gov


Bib Data Sheet

<b>SERIAL NUMBER</b> 09/576,676	<b>FILING DATE</b> 05/23/2000 <b>RULE</b> -	<b>CLASS</b> 370	<b>GROUP ART UNIT</b> 2739	<b>ATTORNEY DOCKET NO.</b> MIT-118	
<b>APPLICANTS</b> MOR HARCHOL-BALTER, PITTSBURGH, PA ; F. THOMSON LEIGHTON, NEWTONVILLE, MA ; DANIEL LEWIN, CAMBRIDGE, MA ;					
<b>** CONTINUING DATA *****</b> THIS APPLN CLAIMS BENEFIT OF 60/135,473 05/24/1999 DJR					
<b>** FOREIGN APPLICATIONS *****</b> none DJR					
<b>IF REQUIRED, FOREIGN FILING LICENSE</b> <b>GRANTED ** 06/21/2000</b>					
Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after met Verified and Acknowledged <i>Denise Brown</i> DJR Examiner's Signature Initials		<b>STATE OR COUNTRY</b> PA	<b>SHEETS DRAWING</b> 10	<b>TOTAL CLAIMS</b> 27	<b>INDEPENDENT CLAIMS</b> 3
<b>ADDRESS</b>					
21323					
<b>TITLE</b>					
SYSTEM AND METHOD FOR RESOURCE DISCOVERY					
<b>FILING FEE RECEIVED</b> 946	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		